======= WPI =======

TI - Battery driven wireless communication terminal e.g. PHS, cordless telephone for gas aqueductus, meter inspection - has monitor that measures capacity of battery continuously, based on which power consumption is made small by switching to first operation mode

AB - J11055176 NOVELTY - The capacity of the battery (10) is monitored continuously by a monitor (9). When the capacity is below a first reference value, the terminal is switched to first operation mode by a switch (20) controlled by a controller (11) whereby power consumption becomes small.

- USE - For gas aqueductus, meter inspection.
- ADVANTAGE - In the first operation mode, the power consumption of the battery is low thus increasing the operation time of the device and reliability in case of emergency. DESCRIPTION OF DRAWING(S) - The figure shows the hardware block diagram of wireless meter inspection terminal. (9) Monitor; (10) Battery; (11) Controller; (20) Switch.
- (Dwg.2/7)

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PR - JP19970214472 19970808
PA - (MITQ) MITSUBISHI ELECTRIC CORP
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DC - W01 W02
IC - H04B7/26 ;H04M1/00 ;H04M11/00 ;H04Q7/38
AN - 1999-221306 [19]

======= PAJ =======

TI - RADIO COMMUNICATION TERMINAL

AB - PROBLEM TO BE SOLVED: To obtain a radio communication terminal, which has a long operable time of a battery capacity by monitoring the battery capacity and switching to a 1st operation mode that reduces power consumption of a battery, when the battery capacity becomes a 1st reference value or less.

- SOLUTION: A controlling part 11 inputs a voltage signal of a battery 10 from a battery capacity monitoring part 9, which always monitors a capacity of the battery 10 and compares the voltage signal with a 1st reference voltage. When the voltage signal is the 1st reference voltage or less, it makes a call out to a center device and notifies a telegraphic message to the effect that the battery capacity drops. After that, it switches to such a power saving mode (1st operation mode) as to reduce the power consumption of the battery 10. For instance, a power supply changeover switch 20 is controlled in a fixed cycle (prescribed interval) by start from a clock 21, and the supply/stop of a power source to a sending and receiving part 18 and a TDMA processing part 25 is controlled. Then, it is possible to obtain a radio communication terminal, which has long operable time of the battery capacity.

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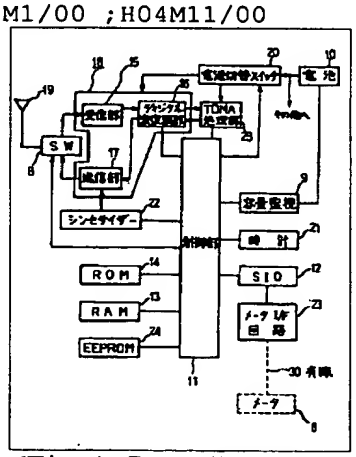

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